

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 19, line 1 ("In Figure 2, an extrude web 12 . . . ") with the following amended paragraph:

-- In Figure 2, an extruded web 12 of low density polyethylene foam sheet and an extruded web 11 of low density polyethylene film are fed downwardly between chill rolls 24 and 25. Extruded web 12, coming from an extruder and an oven(s) at the proper cell height and preferably at a temperature of about 450°F., is immediately fed to chill rolls 24 and 25. At this point, extruded web 12 has a density of about 2.1 to about 2.2 pcf. Extruded web 11 is usually at room temperature or slightly higher as it is fed to chill rolls 24 and 25. Extruded web 11 preferably has a thickness of about 5 mils and extruded web 12 preferably has a thickness of about 0.075 inch. Webs 11 and 12 form a vee (V) as they approach chill rolls 24 and 25. Typically, web 12 has a width of 48 inches, web 11 has a width of 52 inches, and web 11 is aligned with web 12 so that web 11 extends 4 inches over one side of web 12. The nip pressure at chill rolls 24 and 25 is preferably about 60 psi. The surface temperature of chill rolls 24 and 25 is preferably about 60°F. Stream 23 of molten low density polyethylene (100 percent) virgin resin drops from container arrangement 19 into and, along the entire length of, the apex of the vee (v) formed by webs 11 and 12 as they enter the nip of chill rolls 24 and 25. The low density polyethylene is in molten form in container 22 and flows downward through nozzle 21 to form a stream. Container 22 has a length of at least 48 inches. Nozzle (extruder) [[23]] 21 has an opening which has a length of 48 inches. Stream 23 has a horizontal length of 48 inches. The molten low density polyethylene stream (extrudate) 23 is formed into thin adhesive layer 13 (having a thickness of about 1 mil) as webs 11 and 12 pass through chill rolls 24 and 25. Thin adhesive layer 13 bonds webs 11 and 12 together to form the invention laminate composition 10. Web 12 of laminate composition 10 preferably has a temperature of about 114°F. as it exits chill rolls 24 and 25. The line speed of webs 11 and 12 (and hence laminate composition 10) is preferably 60 to 70 feet per minute. Laminate composition 10, in web form, progresses to a winder (not shown) to form large rolls (e.g., of 1500 linear feet). Web 12 of laminate composition 10 preferably has a temperature of about 75°F. at the winder. The density of low density polyethylene foam sheet preferably drops to about 2 pcf once the roll has been formed and with aging. Figure 2

Application No. 10/642,938
Amendment dated August 31, 2005
Reply to Office Action of May 31, 2005

illustrates the preferred continuous method of in-line lamination to form the invention
laminate composition (in web form).--